

**Patent Claims**

1. Substrate coating comprising a transparent  $\text{Si}_3\text{N}_4$  or  $\text{SiN}_x$  layer (3) directly on a substrate (2), a semimetallic layer (4) above the  $\text{Si}_3\text{N}_4$  or  $\text{SiN}_x$  layer (3) and with a further  $\text{Si}_3\text{N}_4$  or  $\text{SiN}_x$  layer (6) as well as with a dielectric oxide layer (5) from the group  $\text{Al}_2\text{O}_3$ ,  $\text{SnO}$ ,  $\text{TiO}_2$  and  $\text{SiO}_2$ , characterized in that the dielectric oxide layer (5) is disposed on the semimetallic layer (4) and the further  $\text{Si}_3\text{N}_4$  layer (6) on the dielectric oxide layer (5).  
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2. Substrate coating as claimed in claim 1, characterized in that the semimetallic layer is a CrN layer.  
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3. Substrate coating as claimed in claim 1, characterized in that between the transparent  $\text{Si}_3\text{N}_4$  or  $\text{SiN}_x$  layer (3) directly on the substrate (2) and the semimetallic layer (4) a dielectric oxide layer (10) is provided.  
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4. Substrate coating as claimed in claim 1 or claim 3, characterized in that for the substoichiometric  $\text{SiN}_x$  layer,  $x$  is a number smaller than 4/3.
5. Substrate coating as claimed in claim 2, characterized in that, instead of the semimetallic CrN layer (4), a semimetallic  $\text{NiCrN}$  or  $\text{NiCrO}_x$  layer is provided.  
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6. Substrate coating as claimed in one or several of the preceding claims, characterized in that the transparent  $\text{Si}_3\text{N}_4$  or substoichiometric  $\text{SiN}_x$  layers (3, 6) have each a layer thickness of 20 to 120 nm.  
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7. Substrate coating as claimed in one or several of the preceding claims, characterized in that the dielectric oxide layers (5, 10) have each a layer thickness of 4 to 120 nm.
8. Substrate coating as claimed in one or several of the preceding claims, characterized in that the semimetallic  $\text{NiCrN}$ , CrN (4) or  $\text{NiCrO}_x$  layers have a layer thickness of 5 to 40 nm.  
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9. Substrate coating as claimed in claim 1, characterized in that the substrate (2) is glass.
10. Substrate coating as claimed in claim 1, characterized in that the substrate (2) is a synthetic material.  
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11. Substrate coating as claimed in claim 1, characterized in that additional layers comprised of Cr, Ni or  $\text{NiCr}$  are provided.

12. Substrate coating as claimed in claim 1, characterized in that the dielectric oxide layer is comprised of  $\text{Nb}_2\text{O}_5$ .